

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Application of:

Sergei A. Svarovsky *et al.*

Art Unit: 3767

Application No: 10/594,075

Examiner: Not Yet Assigned

Confirmation No: 2177

Filed: August 14, 2007

Atty. Docket No: 31978-235608

For: CARBOHYDRATE-ENCAPSULATED  
QUANTUM DOTS FOR BIOLOGICAL  
IMAGING

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Customer No:

26694

PATENT TRADEMARK OFFICE

**REQUEST FOR REPUBLICATION UNDER 37 C.F.R. §1.221(b)**

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313

Sir:

The above-identified U.S. patent application was published as U.S. Publication No. US 2008-0039816-A1 on February 14, 2008.

It has come to Applicant's attention that there are errors in the published application. In making these errors, the U.S. Patent and Trademark Office (USPTO) deviated from the text of the specification as filed. The errors are as follows:

- Formula XXII in claim 89 on page 32 is incorrect, in that it shows a  $-(CH_2)-(C=O)-CH_3$  group pendant from the 2-carbon of the sugar ring at left, instead of a  $-O-(C=O)-CH_3$  group. This error in the publication of claim 89 represents a material mistake on the part of the U.S. Patent and Trademark Office.
- The word "biological" is misspelled as "bilogical" in the title of the application.
- Formula XXIVb above paragraph [0043] on page 6 is incorrect, in that it shows a  $-(C=O)-R_{14}$  group linked to the sulfur atom, instead of hydrogen.

- Formula XXII above paragraph [0043] on page 6 is incorrect, in that it shows a  $-(CH_2)-(C=O)-CH_3$  group pendant from the 2-carbon of the sugar ring at left, instead of a  $-O-(C=O)-CH_3$  group.
- Formulas 1 and 2 above paragraph [0134] on page 14, Formulas 2 and 2a above paragraph [0135] on page 15, Formula 2a below paragraph [0136] on page 15, and Formula 2a above paragraph [0141] are incorrect, in that they show a  $-(CH_2)-(C=O)-CH_3$  group pendant from the 2-carbon of the sugar ring at left, instead of a  $-O-(C=O)-CH_3$  group.
- Formula 126E-181-HI in paragraph [0148] on page 18 is incorrect, in that it shows a nitrogen pendant from the 1-carbon, instead of a hydrogen, and an "H<sub>3</sub>" pendant from the 2-carbon, instead of an N<sub>3</sub> group, of the sugar ring at right.
- Formula 126E-188-HI in paragraph [0152] on page 19 is incorrect, in that it shows a nitrogen pendant from the 1-carbon, instead of a hydrogen, of the sugar ring at right.
- Formula 126F-004 in paragraph [0156] on page 20 is incorrect, in that it shows a hydroxyl group pendant from the alkyl chain at right, instead of a thiol group.

Applicant understands that at least the error in claim 89 constitutes a material mistake on the part of the USPTO. See, MPEP 1130. Therefore, Applicant respectfully requests republication of U.S. Application No. 10/594,075 with the correct specification, claims, and drawings under 37 C.F.R. §1.221(b). This request is submitted within the period of 2 months from the date of publication as required by 37 C.F.R. §1.221(b), and Applicant herewith submits a copy of the application, as amended by the Preliminary Statement (Resubmitted) filed December 28, 2007, in compliance with the Electronic Filing System (EFS) requirements of the USPTO. The claims have been renumbered sequentially, starting with claim 1, because Applicant understands that this is how the claims are to be published.

Application No.: 10/594,075  
Applicants: Sergei A. Svarovsky *et al.*

Applicant understands that no fee is due because this request for republication is necessitated by a material mistake made by the U.S. Patent and Trademark Office in the publication of February 14, 2008 under Publication No. US 2008-0039816-A1. However, should a fee be deemed due, Applicant authorizes the Commissioner to charge any fee deemed necessary to Deposit Account No. 22-0261.

Respectfully submitted,



Date: April 14, 2008

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Lars H. Genieser  
Registration No. 46,722  
VENABLE LLP  
P.O. Box 34385  
Washington, D.C. 20043-9998  
Telephone: (202) 344-4000  
Telefax: (202) 344-8300

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